

**CLASS TITLE: PLANT PATHOLOGIST**

**Class Code: 02749200**

**Pay Grade: 20A**

**EO: B**

**CLASS DEFINITION:**

**GENERAL STATEMENT OF DUTIES:** To do scientific work in the field of plant pathology involving the identification, prevention and control of plant diseases; to have technical supervision of the Dutch elm disease control program; and to do related work as required.

**SUPERVISION RECEIVED:** Works under broad administrative supervision of the Chief of the Division of Agriculture.

**SUPERVISION EXERCISED:** Plans, supervises and reviews the work of technical, inspectional and clerical subordinates in matters relating to plant diseases and their control.

**ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:**

To identify plant diseases and their inciting agents or agencies and recommend measures for their prevention and control; to advise other divisions in state government, cities and towns, and private citizens and corporations on plant disease control measures and to make surveys and investigations necessary thereto.

To give technical advice and assistance to the Chief of the Division in the development and application of techniques employed in plant disease control.

To make surveys and studies designed to advance knowledge of plant disease conditions within the state; to maintain liaison with the Rhode Island Agricultural Experiment Station in connection with their research programs; to utilize the results of the Station's research programs and to help make such results known to the division and the public.

To have technical supervision of the Dutch elm and other disease control programs.

As required, to make inspections of nurseries for plant diseases; to evaluate disease conditions found in nurseries with regard to the issuance of licenses.

To cooperate with the Entomologist of the Division on problems involving insect vectored plant diseases.

To advise and examine candidates for licenses in arboriculture with regard to plant diseases and their control.

To give technical supervision and review to the work of subordinates engaged in the compilation and preparation of plant pathological data and reports.

To handle correspondence on plant pathology, answering questions regarding diseases, fungicides and control methods.

To give technical supervision to large scale plant disease programs such as those involving the cooperation of state, city and town agencies.

To assist the chief of the division in preparing regulations and procedures for the enforcement of laws relating to plant disease control and to give technical assistance in the drafting of legislation pertaining to such control.

To do related work as required.

**REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGES, SKILLS AND CAPACITIES:** A thorough knowledge of applied plant pathology and its supporting sciences; a working knowledge of entomology and its supporting sciences; a familiarity with the current technical literature of these fields; a familiarity with the state and federal quarantine laws

and state laws relating to plant diseases; a familiarity in laboratory techniques; the ability to compile pathological data, make technical surveys and studies and prepare technical reports; the ability to give technical advice in the development and application of techniques employed in plant diseases control programs; and related capacities and abilities.

### **EDUCATION AND EXPERIENCE:**

Education: Such as may have been gained through: graduation: graduation from a college of recognized standing with specialization in Biology, or Botany or Zoology with at least one course in basic Plant Pathology and a course in plant identification; and

Experience: Such as may have been gained through: employment in a technical position involving the identification and control of plant diseases in a field and/or laboratory program.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

Class Revised: July 30, 1967

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